Index of Claims

10/003,433

Examiner

Thai D. Hoang

Applicant(s)/Patent under Reexamination

HUANG ET AL.

Art Unit

2668

Rejected Allowed

(Through numeral) Cancelled

Restricted

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Interference

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|-------------|--|--------------|----------|----------|--|--|--|--|--------------|----------|--|
| Cla         | aim  | Date         |          |          |  |  |  |  |              |          |  |
| Finat       | Original   | 2/22/06      |          |          |  |  |  |  |              |          |  |
|             |  | R            | $\vdash$ | -        | $\vdash$   | ┢  | ╁╌   | -  | $\vdash$     | ┝        |  |
|             | 2  | R            | ┪        |          | ┢  | 1  | ╁  |  | 1            | М        |  |
|             | 3  | R<br>O       |          | $\vdash$ | t  | -  | $\vdash$   |  |              | $\vdash$ |  |
| <b>-</b>    | 4  | R            | $\vdash$ | ╁        | H  | ┢  | ╁╌   | ╁  | t            | ╁        |  |
|             | 5  | R            | $\vdash$ | _        | <del>                                     </del> | H  | $\vdash$   | ┢  | ╁            |          |  |
|             | 1<br>2<br>3<br>4<br>5<br>6   | R<br>R<br>R  | $\vdash$ |          | ┢  | ┼-   | ╁  | ╁  | ├-           | $\vdash$ |  |
| -           | 7  | 0            | -        | ┢        | $\vdash$   | ╁  | <del>                                     </del> | ╁╴   | ┢            | $\vdash$ |  |
| $\vdash$    | 7<br>8<br>9  | R            | $\vdash$ | ┢        | H  | ┢  | H  | ╁╴   | $\vdash$     | $\vdash$ |  |
| -           | ٩  | Ë            | _        | ┢        | -  | H  | ┢┈   | ╁╌   | <del> </del> |          |  |
|             | 10   | <del> </del> |          |          |  | ┢┈   | ┢  | $\vdash$   |              | Н        |  |
|             | 11   |              |          | H        | -  | $\vdash$   | ┢  | $\vdash$   | -            | Н        |  |
|             | 12   | <u> </u>     |          | -        | -  | $\vdash$   | $\vdash$   | -  | -            | Н        |  |
|             | 13   | -            | _        | $\vdash$ | -  | $\vdash$   |  | H  | $\vdash$     | Н        |  |
| ├─          | 14   |              |          | $\vdash$ | -  | ╁  | -  | ╁  | <del> </del> | Н        |  |
|             | 15   |              | _        | $\vdash$ | -  | ╁╾   | <del>  -</del>                                   | ┢  | $\vdash$     | Н        |  |
| <del></del> | 16   | -            | $\vdash$ | H        | ╁  | $\vdash$   | ┝  | ┢  | <u> </u>     | H        |  |
|             | 17   | $\vdash$     | -        | ┢        | ┢  | ┢  | ┢  | ╁  | Н            | -        |  |
|             | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18                   |              | $\vdash$ | $\vdash$ | ┢  | ╁╌   | $\vdash$   | -  | ┢            | Н        |  |
|             | 10   | $\vdash$     |          | ┝╌       | ├─   | ├  | ┝  | ╁  | ⊢            | Н        |  |
|             | 20   | $\vdash$     | _        | -        | ╁  | ├─   | ┢  | ┢  | ┢            | Н        |  |
|             | 21   |              | _        | ┝        | ⊢  | ╁  | ┢  | ┢╌   |              | Н        |  |
|             | 22   | H            | _        | -        | $\vdash$   | ┈  |  | $\vdash$   | ⊢            | $\vdash$ |  |
|             | 23   | -            | _        | ┢        | -  | ┢  | ┢  | $\vdash$   | -            | Н        |  |
| -           | 20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31 | -            |          | $\vdash$ | -  | 1  |  | ┢  | -            | Н        |  |
| -           | 25   |              |          |          |  |  | -  | ├  | $\vdash$     | Н        |  |
|             | 26   |              |          | -        | ┢  | ┢  | $\vdash$   | $\vdash$   | $\vdash$     | Н        |  |
|             | 27   |              |          | ┢        | $\vdash$   | -  | <del>                                     </del> | H  | -            | Н        |  |
|             | 28   |              | _        | -        | $\vdash$   | -  | -  | H  | $\vdash$     | H        |  |
|             | 29   | $\vdash$     |          |          | H  | <del>                                     </del> |  | -  | $\vdash$     | Н        |  |
| -           | 30   |              | _        |          |  |  |  | $\vdash$   | 1            | Н        |  |
|             | 31   | $\vdash$     |          |          |  | _  |  | ┢  | _            | Н        |  |
| _           | 32   |              | -        | -        | H  | $\vdash$   |  | $\vdash$   | $\vdash$     | Н        |  |
|             | 32<br>33   | Н            |          |          |  | ┢  | _  |  | ┢            | Н        |  |
| $\vdash$    | 34   | Н            |          |          | ┢  | -  | _  | H  | <u> </u>     | Н        |  |
| $\vdash$    | 35   |              |          |          | ┢╾   | $\vdash$   | $\vdash$   | -  | $\vdash$     | Н        |  |
|             | 35<br>36   |              | _        |          | $\vdash$   | 1  |  | $\vdash$   | $\vdash$     | Н        |  |
|             | 37   |              |          | _        | 一  | $\vdash$   |  | $\vdash$   | $\vdash$     | Н        |  |
|             | 38   |              |          | _        | $\vdash$   | -  |  | -  | _            | Н        |  |
|             | 38<br>39   |              |          |          | $\vdash$   | -  | _  |  |              | Н        |  |
|             | 40   |              |          |          | $\vdash$   | -  | _  | $\vdash$   | _            | Н        |  |
|             | 41   |              | _        | _        | _  |  | $\vdash$   | $\vdash$   |              | Н        |  |
|             | 42   |              |          |          | Н  |  | _  | $\vdash$   | _            | Н        |  |
|             | 43   | $\Box$       |          |          | H  | H  |  |  | -            | H        |  |
|             | 44   | $\vdash$     | -        | _        | $\vdash$   |  | <b>-</b>   | $\vdash$   | $\vdash$     | $\vdash$ |  |
|             | 45   | -            | 1        |          | - ×  |  | -  | -  | -            |          |  |
|             | 46   |              |          |          | -  |  |  |  | _            | $\dashv$ |  |
|             | 47   | $\dashv$     |          |          |  |  | _  |  |              | Н        |  |
|             | 48   |              | =        | _        | _  | $\vdash$   |  | <del>                                     </del> | Т            | Н        |  |
|             | 49   |              | $\dashv$ |          | _  | $\vdash$   |  | $\vdash$   | $\vdash$     | $\dashv$ |  |
|             | 50   |              | $\dashv$ |          |  | $\vdash$   |  | Н  |              | Н        |  |
|             | ~~   | - 1          |          |          |  |  | 1 1  |  | 1            |          |  |

| Cla | im       |         |          |                | (        | Date     | е        |   |           |          | ] [ | Cla   | nim       |               |          |          | [        | Date   | Э _ |   |        |          |
|-----|----------|---------|----------|----------------|----------|----------|----------|---|-----------|----------|-----|-------|-----------|---------------|----------|----------|----------|--------|-----|---|--------|----------|
|     | Original | 2/22/06 |          |                |          |          |          |   |           |          |     | Final | Original  |               |          |          |          |        |     |   |        |          |
|     | 1        | R       |          |                |          |          |          |   |           |          | 1 1 |       | 51        | $\Box$        |          |          |          |        |     |   |        |          |
|     | 2        | R       |          |                |          |          |          |   |           |          | 1 1 |       | 52        | П             |          |          |          |        |     |   |        |          |
|     | 3        | 0       |          |                |          |          |          |   |           |          | ] [ |       | 53        | П             |          |          |          |        |     |   |        |          |
|     | 4        | R       |          |                |          |          |          |   |           |          | ] [ |       | 54        |               |          |          |          |        |     |   |        |          |
|     | 5        | R       |          |                |          |          |          |   |           |          | ] [ |       | 55        |               |          |          | П        |        |     |   |        |          |
|     | 6        | R       |          |                |          |          |          |   |           | П        | 1 1 |       | 56        | П             |          |          |          |        |     |   |        | П        |
|     | 7        | 0       |          |                |          | Г        |          |   | Г         | Π        | 1 1 |       | 57        |               |          |          |          |        |     |   |        |          |
|     | 8        | R       |          |                |          |          |          |   |           |          | 1 1 |       | 58        | П             |          |          |          | Г      |     |   |        |          |
|     | 9        |         |          |                |          |          |          |   |           |          | ] [ |       | 59        |               |          |          |          |        |     |   |        | П        |
|     | 10       |         |          |                |          |          |          |   |           |          | 1   |       | 60        | П             |          |          |          |        |     |   | $\Box$ | П        |
|     | 11       |         |          |                |          |          |          |   |           |          | ] [ |       | 61        |               |          |          |          |        |     |   |        |          |
|     | 12       |         |          |                |          |          |          |   |           |          | ] [ |       | 62        |               |          |          |          |        |     |   |        | П        |
|     | 13       |         |          |                |          |          |          |   |           |          | ] [ |       | 63        |               |          |          |          |        |     |   |        |          |
|     | 14       |         |          |                |          |          |          |   |           |          | ] [ |       | 64        |               |          |          |          |        |     |   |        |          |
|     | 15       |         |          |                |          |          |          |   |           |          | ] [ |       | 65_       |               |          |          |          |        |     |   |        |          |
|     | 16       |         |          |                |          |          |          |   |           |          | ] [ |       | 66        |               |          |          |          |        |     |   |        |          |
|     | 17       |         |          |                |          |          |          |   |           |          | ] [ |       | 67        |               |          |          |          |        |     |   |        |          |
|     | 18       |         |          |                |          |          |          |   |           |          | ] [ |       | 68        |               | Ì        |          |          |        |     |   |        |          |
|     | 19       |         |          |                |          |          |          |   |           |          |     |       | 69        |               |          |          |          |        |     |   |        |          |
|     | 20       |         |          |                |          |          |          |   |           |          | ] [ |       | 70        |               |          |          |          |        |     |   |        |          |
|     | 21       |         |          |                |          |          |          |   |           |          |     |       | 71        |               |          |          |          |        |     |   |        |          |
|     | 22       |         |          |                |          |          |          |   |           |          | ] [ |       | 72        |               |          |          |          |        |     |   |        |          |
|     | 23       |         |          |                |          |          |          |   |           |          | ] [ |       | 73        |               |          |          |          |        |     |   |        |          |
|     | 24       |         |          |                |          |          |          |   |           |          | ] [ |       | 74        |               |          |          |          |        |     |   |        |          |
|     | 25       |         |          |                |          |          |          |   |           |          | ] [ |       | 75        |               |          |          |          |        |     |   |        |          |
|     | 26       |         |          |                |          |          |          |   |           |          | ] [ |       | 76        |               |          |          |          |        |     |   |        |          |
| ┙   | 27       |         |          |                |          |          |          |   |           |          | ] [ |       | 77        |               |          |          |          |        |     |   |        |          |
| _   | 28       |         |          |                |          |          |          |   | L         | <u> </u> |     |       | 78        | Ш             |          |          |          |        |     |   |        |          |
| _   | 29       |         |          |                |          |          |          |   |           |          | 1 1 |       | 79        |               | _        |          |          |        |     |   |        |          |
| 4   | 30       | $\Box$  |          |                |          |          |          |   |           | _        | ] [ |       | 80        | $\Box$        | $\sqcup$ |          |          |        |     |   |        |          |
| _   | 31       |         |          |                |          |          |          |   |           | L        |     |       | 81        |               |          |          |          |        |     |   |        | Ш        |
| 4   | 32       |         |          |                | _        |          |          |   |           |          |     |       | 82        |               |          |          |          |        |     |   | Ш      | Ш        |
| _   | 33       | $\Box$  |          |                |          |          |          |   |           |          |     |       | 83        |               | _        |          |          |        |     |   |        |          |
|     | 34       |         |          |                |          |          |          |   |           |          |     |       | 84        |               |          |          |          |        |     |   |        | Ш        |
| _   | 35       | _       |          |                |          |          |          | _ |           |          |     |       | 85        |               |          |          |          |        |     | _ |        | Ш        |
| _   | 36       |         |          |                |          |          |          |   |           | L_       |     |       | 86        | $\rightarrow$ | _        |          |          |        |     |   |        | Ш        |
| 4   | 37       |         | _        |                |          |          |          |   |           | <u> </u> |     |       | 87        | _             | _        |          |          | $\Box$ | _   |   |        | Ш        |
| 4   | 38       | _       | _        |                | Щ        |          |          |   |           | <u> </u> |     |       | 88        |               | _        |          |          |        |     |   | Щ      | Ц        |
| 4   | 39       | _       |          |                |          |          |          |   |           | _        |     |       | 89        |               | _        |          | _        | Ш      |     | _ |        | Щ        |
| _   | 40       | _       | _        | _              | _        |          | Ш        |   |           |          |     |       | 90        |               | _        |          |          |        | _   | _ | $\Box$ | _        |
| 4   | 41       | _       | _        |                | _        |          |          |   |           | _        |     |       | 91        | _             | _        | _        | _        |        | _   | 4 | _      |          |
| 4   | 42       | -       | _        | $\blacksquare$ |          |          |          |   |           | _        |     |       | 92        | _             | _        | _        | _        |        | _   | _ | -      | _        |
| 4   | 43       | -       | _        |                | $\Box$   |          | $\sqcup$ |   | _         | ļ        |     |       | 93        | $\dashv$      | _        | _        |          |        |     | _ | _      | $\dashv$ |
| 4   | 44       |         | $\dashv$ | _              |          | _        |          |   |           | _        |     |       | 94        | _             | -        | _        | _        |        | _   | _ | _      |          |
| 4   | 45       |         |          |                | -        |          |          | _ | $\square$ | _        |     |       | 95        | $\dashv$      | 4        | _        |          | _      | _   | _ | _      | _        |
| 4   | 46       | _       | _        | _              | $\dashv$ | -        |          | - |           |          |     |       | 96        | $\dashv$      | 4        | $\dashv$ | 4        | _      |     | _ |        |          |
| 4   | 47       |         | _        | _              |          |          | _        |   |           | _        |     |       | 97        | -             | 4        | 4        | _        | _      | _   |   |        | $\dashv$ |
| 4   | 48       |         |          |                | _        |          |          | _ | $\square$ | _        |     |       | 98        | $\dashv$      | 4        |          | _        |        | _   | _ | _      | _        |
| +   | 49<br>50 |         | -        |                | -        | $\dashv$ | $\dashv$ | _ | _         | -        | -   |       | 99<br>100 | $\dashv$      | $\dashv$ | 4        | $\dashv$ |        |     | 4 | _      | 긕        |
| _   | 50       |         |          | 1              |          | 1        |          |   |           |          | ı L |       | 100       |               | _1       |          |          |        |     |   |        |          |

| Claim    |                   | Date         |  |  |              |  |            |          |  |                 |  |
|----------|-------------------|--------------|--|--|--------------|--|------------|----------|--|-----------------|--|
|          |                   | T            | Τ  |  |              | ٦  | Ī          | Π        | Π  | П               |  |
| Final    | Original          |              |  |  |              |  |            |          |  |                 |  |
|          |                   | $\vdash$     | -  |  | -            | ├  | ╁          | $\vdash$ | ⊢  | Н               |  |
|          | 102               | 1            | $\vdash$   | $\vdash$   | <del> </del> | t  | ╁╴         | $\vdash$ | $\vdash$   | Н               |  |
|          | 101<br>102<br>103 | t            | $\vdash$   | $\vdash$   |              | $\vdash$   | t          |          | $\vdash$   | $\vdash$        |  |
|          | 104               | T            | Г  | <u> </u>   |              | 1  |            |          |  | П               |  |
|          | 104<br>105        | Г            |  |  |              |  |            | $\Box$   |  |                 |  |
|          | 106               |              |  |  |              |  |            |          |  |                 |  |
|          | 107               |              |  |  |              |  |            |          |  |                 |  |
|          | 108               |              |  |  |              |  |            |          |  | Ш               |  |
|          | 109               |              |  |  | L            | L  | _          | L        |  | Ш               |  |
|          | 110               | _            |  | <u> </u>   | <u> </u>     | _  | _          | <u> </u> | <u> </u>   | $\sqcup$        |  |
|          | 111               | <u> </u>     | ₩  | _  | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>   | Ш               |  |
|          | 112               | <u> </u>     | ├  | ⊢  | _            | $\vdash$   | ├-         | $\vdash$ | ⊢  | $\vdash$        |  |
|          | 112<br>113<br>114 | <del> </del> | $\vdash$   | <u> </u>   | <del> </del> | ⊢  | $\vdash$   | $\vdash$ | -  | $\vdash$        |  |
|          | 114               | $\vdash$     | -  | $\vdash$   | $\vdash$     | -  | $\vdash$   | -        | <del> </del>                                     | Н               |  |
|          | 115<br>116        | ┢            | <del> </del>                                     | -  | -            | ⊢  | -          | $\vdash$ | ┝  | Н               |  |
|          | 117               | -            | $\vdash$   | -  | $\vdash$     | $\vdash$   | -          | $\vdash$ | -  | Н               |  |
|          | 118               | $\vdash$     | <del>                                     </del> | <del>                                     </del> | _            | -  | H          | ┢        | $\vdash$   | Н               |  |
|          | 119               | _            |  | _  | $\vdash$     | _  | -          | H        | -  | -               |  |
|          | 118<br>119<br>120 | Н            |  | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$ |  | Н               |  |
|          | 121               |              |  |  | -            |  | $\vdash$   | 1        | $\vdash$   |                 |  |
|          | 121<br>122        |              |  |  |              |  |            | _        | 1  | П               |  |
|          | 123               |              |  |  |              |  |            |          | Г  | М               |  |
|          | 123<br>124<br>125 |              |  |  |              |  | Г          |          | Г  |                 |  |
|          | 125               |              |  |  |              |  |            |          |  |                 |  |
|          | 126<br>127        | $oxed{oxed}$ | L  |  |              |  |            |          |  |                 |  |
|          | 127               | _            | L  | oxdot  | <u> </u>     |  |            | _        | _  | Щ               |  |
|          | 128               |              | <u> </u>   |  | L            | _  |            | _        | <u> </u>   | Щ               |  |
|          | 129<br>130<br>131 | _            | <u> </u>   | $oxed{oxed}$                                     | L            | _  | <u> </u> _ |          | <u> </u>   | Ш               |  |
|          | 130               | _            | _  |  | <u> </u>     | <u> </u>   | L          | _        | <u> </u>   | Н               |  |
|          | 131               | -            |  | _  | -            | _  | ├          | _        | H  | Н               |  |
| -        | 132<br>133        | $\vdash$     | -  |  | -            |  | -          | _        | ├  | Н               |  |
| $\dashv$ | 134               | $\vdash$     | $\vdash$   | -  | -            | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash \vdash$ |  |
| -        | 135               | $\vdash$     | $\vdash$   | -  | -            | ┢─   |            | $\vdash$ | -  | $\dashv$        |  |
| $\dashv$ | 136               | <del> </del> |  | H  |              | <del>                                     </del> |            | -        | <del>                                     </del> | H               |  |
|          | 137               | $\vdash$     | $\vdash$   |  | _            | <u> </u>   | $\vdash$   |          |  | H               |  |
|          | 137<br>138        |              |  |  | Г            | Т  | $\vdash$   |          | $\Box$   | П               |  |
|          | 139               |              |  |  | Τ            | Т  | Т          |          |  | П               |  |
|          | 140               |              |  |  |              |  |            |          |  |                 |  |
|          | 141               |              |  |  |              |  |            |          |  |                 |  |
| ]        | 142               |              |  |  |              |  |            |          |  |                 |  |
| ]        | 143               |              |  | Ц  |              | L  |            |          | $\Box$   | Ш               |  |
|          | 144               | - 3          |  |  | -            |  |            | !        |  | Ш               |  |
|          | 145               | L            | Ш  |  |              | L  | L          | L_       | ļ  | Ш               |  |
|          | 146               | <u> </u>     | $\vdash$   | $\vdash$   |              | $\vdash$   | <u> -</u>  |          | -  | Щ               |  |
|          | 147               | $\vdash$     | $\vdash$   | _  | _            | <u> </u>   | L          | _        | <u> </u>   | Щ               |  |
|          | 148               |              | Щ  | Ш  |              | $\vdash$   | $\vdash$   |          | Н  | Щ               |  |
|          | 149               | -            | Н  |  |              | _  | -          |          | $\vdash$   | $\dashv$        |  |
|          | 150               |              | $\sqcup$   | لـــا  |              |  | L          |          |  |                 |  |